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1 [Measuring privacy loss and the impact of privacy protection in web browsing](#)

[Balachander Krishnamurthy, Delfina Malandrino, Craig E. Wills](#)
 July 2007 [SOUPS '07: Proceedings of the 3rd symposium on Usable privacy and security](#)
Publisher: ACM

Full text available: [PDF](#) (205.03 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 34, Downloads (12 Months): 254, Citation Count: 0

Various bits of information about users accessing Web sites. some of which are private, have been gathered since the inception of the Web. Increasingly the gathering, aggregation, and processing has been outsourced to third parties. The goal of this ...

2 [Spam Filtering Based On The Analysis Of Text Information Embedded Into Images](#)

[Giorgio Fumera, Ignazio Pillai, Fabio Roli](#)

December 2006 [The Journal of Machine Learning Research](#), Volume 7

Publisher: MIT Press

Full text available: [PDF](#) (418.69 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 12, Downloads (12 Months): 186, Citation Count: 4

In recent years anti-spam filters have become necessary tools for Internet service providers to face up to the continuously growing spam phenomenon. Current server-side anti-spam filters are made up of several modules aimed at detecting different features ...

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3 Using VMM-based sensors to monitor honeypots



Kurniadi Asrigo, Lionel Litty, David Lie

June 2006 VEE '06: Proceedings of the 2nd international conference on Virtual execution environments

Publisher: ACM

Full text available: [Pdf](#) (232.05 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 17, Downloads (12 Months): 194, Citation Count: 4

Virtual Machine Monitors (VMMs) are a common tool for implementing honeypots. In this paper we examine the implementation of a VMM-based intrusion detection and monitoring system for collecting information about attacks on honeypots. We document and ...

Keywords: IDS, honeypot monitoring, intrusion detection, virtual machine monitor

4 Face recognition: A literature survey



W. Zhao, R. Chellappa, P. J. Phillips, A. Rosenfeld

December 2003 Computing Surveys (CSUR) , Volume 35 Issue 4

Publisher: ACM

Full text available: [Pdf](#) (4.28 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 340, Downloads (12 Months): 3149, Citation Count: 90

As one of the most successful applications of image analysis and understanding, face recognition has recently received significant attention, especially during the past several years. At least two reasons account for this trend: the first is the wide ...

Keywords: Face recognition, person identification

5 Communications of the ACM; Volume 51, Issue 2



February 2008 Communications of the ACM

Publisher: ACM

Full text available: [Digital Edition](#) , [Pdf](#) (3.89 MB)

Additional Information: [full citation](#)

Bibliometrics: Downloads (6 Weeks): 245, Downloads (12 Months): 2749, Citation Count: 0

6 Keyboard acoustic emanations revisited



Li Zhuang, Feng Zhou, J. D. Tygar

November 2005 CCS '05: Proceedings of the 12th ACM conference on Computer and communications security

Publisher: ACM

Full text available: [Pdf](#) (198.94 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 10, Downloads (12 Months): 95, Citation Count: 7

We examine the problem of keyboard acoustic emanations. We present a novel attack taking as input a 10-minute sound recording of a user typing English text using a keyboard, and then recovering up to 96% of typed characters. There is no need for a labeled ...

Keywords: HMM, acoustic emanations, cepstrum, computer security, electronic eavesdropping, hidden Markov models, human factors, keyboards, learning theory, privacy, signal analysis

7 Data encryption: mixing up the message in the name of security



[Ed DeHart](#)
September 2008 *Crossroads*, Volume 15 Issue 1

Publisher: ACM

Full text available: [Pdf](#) (1.58 MB)

Additional Information: [full citation](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 54, Downloads (12 Months): 149, Citation Count: 0

8 infoscape: an online visual information landscape for collaborative design education

[Andrew Vande Moere](#)

November 2005 *DUX '05: Proceedings of the 2005 conference on Designing for User eXperience*

Publisher: AIGA: American Institute of Graphic Arts

Full text available: [Pdf](#) (9.47 MB)

Additional Information: [full citation](#), [abstract](#), [references](#)

Bibliometrics: Downloads (6 Weeks): 8, Downloads (12 Months): 51, Citation Count: 0

infoscape is an online collaboration environment developed for an undergraduate digital image design course, aimed to facilitate intuitive transfers of creative ideas between students without explicitly making this the goal of the processes involved. ...

Keywords: computer supported collaboration, participatory design, visual design, visualization, web-based education

9 Shake them up!: a movement-based pairing protocol for CPU-constrained



[Claude Castelluccia, Pars Mutaf](#)
June 2005 *MobiSys '05: Proceedings of the 3rd international conference on Mobile systems, applications, and services*

Publisher: ACM

Full text available: [Pdf](#) (295.02 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 11, Downloads (12 Months): 76, Citation Count: 5

This paper presents a new pairing protocol that allows two CPU-constrained wireless devices Alice and Bob to establish a shared secret at a very low cost. To our knowledge, this is the first software pairing scheme that does not rely on expensive public-key ...

10 [Communications of the ACM: Volume 51 Issue 4](#)

 April 2008 Communications of the ACM

Publisher: ACM

Full text available:  [Digital Edition](#) ,  [PDF \(4.24 MB\)](#)

Additional Information: [full citation](#)

Bibliometrics: Downloads (6 Weeks): 277, Downloads (12 Months): 2587, Citation Count: 0

11 [Computing curricula 2001](#)

 [CORPORATE The Joint Task Force on Computing Curricula](#)

September 2001 Journal on Educational Resources in Computing (JERIC) , Volume 1 Issue 3es

Publisher: ACM

Full text available:  [HTML \(2.78 KB\)](#),  [PDF \(613.63 KB\)](#)

Additional Information: [full citation](#)

[references](#), [cited by](#),
[index terms](#)

Bibliometrics: Downloads (6 Weeks): 112, Downloads (12 Months): 1256, Citation Count: 24

12 [Communications of the ACM: Volume 51 Issue 8](#)

 August 2008 Communications of the ACM

Publisher: ACM

Full text available:  [Digital Edition](#) ,  [PDF \(6.85 MB\)](#)

Additional Information: [full citation](#)

Bibliometrics: Downloads (6 Weeks): 450, Downloads (12 Months): 2152, Citation Count: 0

13 [Privacy-preserving payload-based correlation for accurate malicious traffic detection](#)



Janak J. Parekh, Ke Wang, Salvatore J. Stolfo

September 2006 LSAD '06: Proceedings of the 2006 SIGCOMM workshop on Large-scale attack defense

Publisher: ACM

Full text available:  [PDF \(212.47 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 10, Downloads (12 Months): 182, Citation Count: 1

With the increased use of botnets and other techniques to obfuscate attackers' command-and-control centers, Distributed Intrusion Detection Systems (DIDS) that focus on attack source IP addresses or other header information can only portray a limited ...

Keywords: anomaly detection, distributed intrusion detection, payload correlation, privacy preservation, signature generation

14 Temporal sequence learning and data reduction for anomaly detection

 Terran Lane, Carla E. Brodley

August Transactions on Information and System Security (TISSEC) ,
1999 Volume 2 Issue 3

Publisher: ACM

Full text available:  PDF (628.31 KB)

Additional Information: full citation, abstract, references, cited by,
index terms

Bibliometrics: Downloads (6 Weeks): 25, Downloads (12 Months): 302, Citation Count: 31

The anomaly-detection problem can be formulated as one of learning to characterize the behaviors of an individual, system, or network in terms of temporal sequences of discrete data. We present an approach on the basis of instance-based learning (IBL) ...

Keywords: anomaly detection, clustering, data reduction, empirical evaluation, instance based learning, machine learning, user profiling

15 The battle against phishing: Dynamic Security Skins

 Rachna Dhamija, J. D. Tygar

July SOUPS '05: Proceedings of the 2005 symposium on Usable privacy and security

Publisher: ACM

Full text available:  PDF (398.10 KB)

Additional Information: full citation, abstract, references, cited by

Bibliometrics: Downloads (6 Weeks): 52, Downloads (12 Months): 436, Citation Count: 33

Phishing is a model problem for illustrating usability concerns of privacy and security because both system designers and attackers battle using user interfaces to guide (or misguide) users. We propose a new scheme, Dynamic Security Skins, that allows ...

16 On covert collaboration

 Arati Baliga, Joe Kilian

September MM& Sec '07: Proceedings of the 9th workshop on Multimedia & security

Publisher: ACM

Full text available:  PDF (628.72 KB)

Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 109, Citation Count: 0

In the conventional steganographic framework, a covert message is hidden within a larger, seemingly innocent message. We argue that this framework must be extended in order to adequately model the means and goals of modern collaborative systems. Whereas ...

Keywords: collaborative systems, steganography

17 [Towards integral binary execution: implementing oblivious hashing using overlapped instruction encodings](#)

 [Matthias Jacob, Mariusz H. Jakubowski, Ramarathnam Venkatesan](#)

September 2007 [MM& Sec '07: Proceedings of the 9th workshop on Multimedia & security](#)

Publisher: ACM

Full text available:  [Pdf \(483.37 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index](#), [terms](#)

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 90, Citation Count: 0

Executing binaries without interference by an outside adversary has been an ongoing duel between protection methods and attacks. Recently, an efficient kernel-patch attack has been presented against commonly used self-checking code techniques that use ...

Keywords: anti-disassembly, integrity checking, obfuscation, oblivious hashing, overlapped code, tamper-resistance

18 [Improving security decisions with polymorphic and audited dialogs](#)

 [José Carlos Brustoloni, Ricardo Villamarín-Salomón](#)

July 2007 [SOUPS '07: Proceedings of the 3rd symposium on Usable privacy and security](#)

Publisher: ACM

Full text available:  [Pdf \(602.36 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index](#), [terms](#)

Bibliometrics: Downloads (6 Weeks): 12, Downloads (12 Months): 81, Citation Count: 2

Context-sensitive guidance (CSG) can help users make better security decisions. Applications with CSG ask the user to provide relevant context information. Based on such information, these applications then decide or suggest an appropriate course of ...

Keywords: attachment, audited dialogs, context-sensitive guidance, e-mail client, polymorphic dialogs, virus propagation

19 [Proceedings of the 2007 ACM symposium on Applied computing](#)

 [Yookun Cho, Yong Wan Koo, Roger L. Wainwright, Hisham M. Haddad, Sung Y. Shin](#)

March 2007 [SAC '07: Proceedings of the 2007 ACM symposium on Applied computing](#)

Publisher: ACM

Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citation Count: 0

On behalf of the Organization Committee, it is our pleasure to welcome you to the 22nd Annual ACM Symposium on Applied Computing (SAC 2007). This year, the conference is hosted by Seoul National University and Suwon University in Gyeonggi-do, Korea. ...

20 [Communications of the ACM: Volume 51 Issue 11](#)

 November 2008

Communications of the ACM

Publisher: ACM

Full text available:  [Digital Edition](#) ,  [PDF \(8.26 MB\)](#)

Additional Information: [full citation](#)

Bibliometrics: Downloads (6 Weeks): 1382, Downloads (12 Months): 4491, Citation Count: 0

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